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December 30<sup>th</sup>, 2022

**UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF NEW YORK**

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In re:	)	Chapter 11
	)	
Celsius Network LLC, et al., <sup>1</sup>	)	Case No. 22-10964 (MG)
	)	
Debtors.	)	Jointly Administered
	)	

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**FORMAL NOTICE DECLARING CELSIUS NETWORK OPERATED  
AS A PONZI SCHEME FROM 2021-2022**

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Pursuant to IRS Revenue Ruling 2009-9 and Revenue Procedure 2009-20, this notice establishes 2022 as a valid discovery year for interested Celsius Network customers to claim Ponzi Investment Scheme relief.

This notice is not intended to influence the Court schedule as, indeed, attorneys interested in the case have generally elected to pretend Celsius Network operated as a legitimate business fallen on hard times. Such suspension of disbelief was presumably necessary for interested parties to reach an expedient conclusion to this bankruptcy case, not

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<sup>1</sup> The Debtors in these chapter 11 cases, along with the last four digits of each Debtor's federal tax identification number, are: Celsius Network LLC (2148); Celsius KeyFi LLC (4414); Celsius Lending LLC (8417); Celsius Mining LLC (1387); Celsius Network Inc. (1219); Celsius Network Limited (8554); Celsius Networks Lending LLC (3390); and Celsius US Holding LLC (7956). The location of Debtor Celsius Network LLC's principal place of business and the Debtors' service address in these chapter 11 cases is 121 River Street, PH05, Hoboken, New Jersey 07030.

to mention it allows them to pay themselves from what would effectively otherwise be the proceeds of crime.

Nonetheless, the evidence is clear that Celsius Network lacked revenue to fulfill rewards to customers and materially lied about their financial health to dupe customers into keeping their funds on the platform. Withdrawals from the platform (including rewards) were funded substantially by incoming deposits, which meets the definition of Ponzi Scheme.

*A Ponzi scheme is an investment fraud that pays existing investors with funds collected from new investors.<sup>2</sup>*

#### **A Preponderance of Evidence affirms Celsius Network Operated as a Ponzi Scheme Since 2021**

Celsius claims to have paid out over \$1B dollars to its “community.” However, this figure was deceptive because much of these rewards were not withdrawn from the platform. Alarmingly, Celsius did not have the capacity to fulfill these rewards and so turned to tactics to encourage deposits, discourage withdrawals, and offload obligations to their fraudulent self-issued shitcoin, known as CEL token.

#### **Celsius Network Performance January 1, 2021 - July 13, 2022**

Operations Costs <sup>3</sup>	\$500,000,000
Cryptocurrency Losses <sup>4</sup>	\$300,000,000
Revenue <sup>5</sup>	\$98,944,227
Profit (Loss) before rewards	(\$701,055,773)
Rewards “Paid” <sup>6</sup>	\$700,000,000
Profit (Loss) after rewards	(\$1,401,055,227)

<sup>2</sup> <https://www.investor.gov/protect-your-investments/fraud/types-fraud/ponzi-scheme>

<sup>3</sup> Ferraro Deposition on 11/21/22 docket 1489-1, p96 (AKA docket 1489 p102) “There was operating expenses for 2021 and 2022 that totaled, off of memory, about a half a billion.”

<sup>4</sup> Ibid. Cryptocurrency Losses estimated at \$300M were described as “Losses in which we had to go back and purchase cryptocurrencies for the accounts so we didn’t have a directional position.”

<sup>5</sup> Statement of Financial Affairs (SOFA) docket 973, p20 lists Celsius Network LLC revenue at \$37,676,924.23 for 2022 and \$61,267,302.89 for 2021)

<sup>6</sup> Celsius announced crossing \$1B in rewards in January of 2022. With AUM swelling from \$400M in December 2020 to \$20B in August of 2021 (as announced on their webpage, via the Internet Archive) we can estimate \$700M in rewards credited to customers between 2021 and 2022.

While Celsius told their customers that business was going well through attestations on their website, marketing emails, and representations from company representatives, the company was hemorrhaging value at an alarming rate. Their operations costs appear to have exceeded their revenue by at least five-times, based upon court filings.

Celsius claimed to pay out 80% of their revenue to customers, creating the illusion that their Monday rewards were sourced from genuine economic activity. This was a lie. In his 11/21/22 deposition, interim CEO Chris Ferraro acknowledged that rewards payouts “exceeded 80%” of revenue. But he stopped short of explaining that these rewards payouts had zero justification at all; reward credits exceeded a mind-boggling 700% of revenue! Celsius had no capacity to fulfill these rewards other than to cannibalize principal and solicit new deposits. Celsius also consciously set their rates to be higher than competitors to solicit funds from other platforms.<sup>7</sup>

As further proof of their malfeasance, we can look to inefficiencies in “asset deployment” where Celsius solicited deposits and earned no return on those funds while racking up rewards obligations to customers. Firstly, we can look to approximately 40,000 BTC that Celsius transferred to Tether as collateral for a \$900M USDT loan.<sup>8</sup> Celsius was paying 5-6%

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<sup>7</sup> Oren Blonstein Deposition 11/22/22 docket 1489-2 p268 (1489 p735), “anytime there was a change in earn rates from platform to platform, you would see pretty significant movements of coins between them. So if BlockFi lowered their interest rate, we would see a rush of people coming from BlockFi to Celsius.”

<sup>8</sup> <https://tether.to/en/tether-discloses-celsius-loan-liquidation-process/> Details of Celsius’s Tether loan suggest it was liquidated at \$22k/BTC on July 8<sup>th</sup> 2022, which would require approximately 40k BTC to cover the ~\$900M loan. While the loan was partially paid down (reportedly \$840M was outstanding), inefficiencies associated with a mass-liquidation event suggest 40k BTC is a reasonable estimate of the collateral position size.

interest on this loan<sup>9</sup> and offering customers 6.2% APY on their first Bitcoin, 3.51% on balances beyond 1BTC, effectively accruing charges both on collateral and principal. Meanwhile \$600M of the proceeds was plowed into an ill-considered Bitcoin mining operation that wound up blowing up spectacularly as the investment was unhedged.

Celsius failed to protect their investment from downturns in the price of Bitcoin. They inexplicably built their financial projections around a base case of Bitcoin price remaining stable with a “base case” of reaching \$74.4k by 2024.<sup>10</sup> They further assumed “cost structure and capital expenditure kept constant” and disclosed their model “assumes BTC price is not hedged.” This eventually resulted in the liquidation of 40,000 BTC collateral at a market price of approximately \$22k in July of 2022, triggering further huge losses.

How Celsius deployed stablecoins more broadly continues the story of corporate malfeasance. In addition to the \$600M plowed into mining, Celsius spent \$500M on operations, \$300M on covering cryptocurrency losses, and a mere \$400M funding retail loans. To the extent Celsius was able to monetize collateral from the retail loans that were funded, only 22% of their stablecoins were being utilized for activities beneficial for the business.

Approximately \$1B of those stablecoins were received from customer deposits, which Celsius was incurring 8% rewards fees on. They were not generating returns on these coins to fulfill their obligations to customers. In the six months since closing their platform, Celsius has never explained how they have been able to substantiate their rewards. Absent evidence of

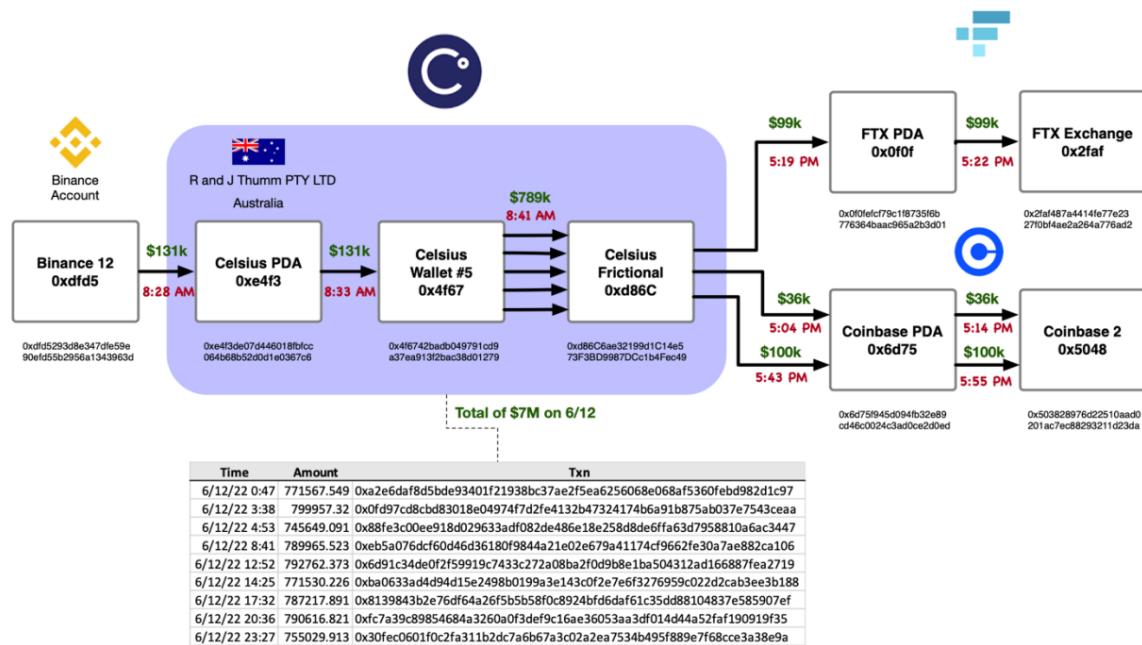
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<sup>9</sup> <https://www.bloomberg.com/news/features/2021-10-07/crypto-mystery-where-s-the-69-billion-backing-the-stablecoin-tether> The \$900M USDT loan was first revealed in this October 2021 Bloomberg article covering Tether, where Alex Mashinsky revealed they paid 5-6% interest.

<sup>10</sup> See docket 1796, Exhibit D p105 “Base case model assumes BTC price will reach \$74.4k by 2024”

economic activity justifying these rewards, with ample evidence of assets generating negative returns, the only reasonable conclusion is that Celsius operated as a Ponzi scheme.

Analysis of on-chain transactions shows that withdrawals were substantially funded by incoming deposits. This further evidence that Celsius's operated Ponzi scheme, showing that the rewards were not funded by equity or other more-legitimate sources. Analysis of Celsius's funding "frictional" wallets shows they funded an outflow of \$2.1B in Ethereum network withdrawals across stablecoins USDC, USDT, GUSD, BUSD, DAI and Ethereum. These appear to have been primarily funded by incoming deposits, as evidenced by my exhibit in Docket 1515, reproduced below, which shows the typical pattern of an incoming deposit being used to fund withdrawals (including rewards).



The analysis of totals funding frictional wallets for withdrawals across these coins are shown below. Detailed breakdowns per frictional wallets are included in Exhibit A.

Withdrawals	Volume	Price	Value
USDC	1087235992	1	1087235992
USDT	267719454	1	267719454
GUSD	41853060.3	1	41853060.3
BUSD	53088449.8	1	53088449.8
DAI	7235621.43	1	7235621.43
ETH	572179.134	1200	686614961
			2143747538

As argued in Docket 1515, Celsius failed to protect customers by attempting to hide their insolvency, thereby violating NY Debtor Consumer laws 273 and 274. The Court is encouraged to proceed however it feels would be in the best interests of the innocent customers caught up in the fraud of Celsius Network.

This notice has established the key facts of how Celsius operated as a Ponzi scheme which enables taxpayers to claim relief in their 2022 tax filings. To summarize, Celsius lacked revenue anywhere close to being capable of funding their rewards and any rewards that fulfilled paid were substantially from incoming customer withdrawals.

Because Celsius operated a menagerie of business lines including DeFi, staking, Bitcoin Mining, consumer lending, which roughly netted out to revenue neutral, Celsius could best be described as a Rube Goldberg Ponzi Scheme, with inconsequential business lines arranged around a central Ponzi scheme of their Earn program – this model should henceforth be known as a “Mashin-scheme”.

Happy Holidays,

/s/Cameron Crews

## **Exhibit A**

### **Detailed Withdrawals for USDC, USDT, GUSD, and ETH**

**USDC Withdrawals**

	0x6474bf7e1	0x4529d1ea	0xd86c6ae32	0x3b7b918f1	0xb31f8caff	0x1bc70eebf	Total
6/13/22	272746.056	367425.189	159973.773	67035.4583	0	64027.5019	931207.978
6/12/22	7014559.15	5310528.1	7004296.71	6075036.54	38151495.6	6266293.45	69822209.5
6/11/22	6428765.69	5834077.72	5722536.04	6475874.45	45855474.8	8770807.06	79087535.8
6/10/22	3249316	2300580.8	3219345.09	3781694.98	20669111.9	3201743.68	36421792.4
6/9/22	1641616.82	1688940.63	1625628.72	740482.08	21285076.5	1495307.21	28477052
6/8/22	722805.886	740424.215	1978429.93	1134465.58	0	1197546.83	5773672.44
6/7/22	1792803.11	6809990	12885498.2	1887921.41	7682262.55	1258409.1	32316884.3
6/6/22	2599678.7	1794646	2403488.4	2663796.35	1926433.88	2346477.31	13734520.6
6/5/22	0	1248703.55	1248703.55	1608711.86	768841.882	0	4874960.84
6/4/22	733820.442	720503.644	0	738313.556	0	746839.096	2939476.74
6/3/22	1521159.43	1540097.83	0	1528601.34	3769600.22	1512596.47	9872055.3
6/2/22	0	723979.27	0	0	0	747902.256	1471881.53
6/1/22	3108792.04	792402.64	0	1643790.64	1517759.24	907218.844	7969963.41
5/31/22	772973.953	0	9227311.95	1653463.77	10549035.9	0	22202785.6
5/30/22	2595283.66	2630479.6	2428257.65	5358634.17	3385636.56	2441367.3	18839658.9
5/29/22	796530.619	835068.452	0	798449.247	0	0	2430048.32
5/28/22	4395317.56	0	0	2110678.44	5501462.35	3284016	15291474.3
5/27/22	740166.908	4771185.72	4807278.6	4606487.08	720751.051	5450459.81	21096329.2
5/26/22	0	3051101.68	0	3009215.61	2489017.41	0	8549334.7
5/25/22	3451981.41	780264.494	4184760.42	864495.385	2560566.38	4194147.12	16036215.2
5/24/22	0	772330.204	736144.646	733206.309	0	796395.994	3038077.15
5/23/22	2814312.67	798138.081	3264717.24	2021739.15	3339122.69	0	12238029.8
5/22/22	0	0	0	0	755295.807	0	755295.807
5/21/22	0	0	0	0	0	0	0
5/20/22	4007494.31	1431154.43	2945695.69	967313.677	912267.827	0	10263925.9
5/19/22	2086536.62	3743728.72	755814.2	3325452.52	3437677.08	3440777.99	16789987.1
5/18/22	2287763.48	4052209.37	0	0	1463000	965182.758	8768155.61
5/17/22	756630.944	1557349.99	3579857.02	0	2490812.91	0	8384650.87
5/16/22	5274837.6	5126003.3	13563178.9	18462074.6	7064094.71	17027336.7	66517525.9
5/15/22	2114562.1	2848532.47	1323238.22	4444504.25	1959577.38	2885767	15576181.4
5/14/22	2382765.87	3912804.38	2493719.38	2672652.9	2242628.45	1940637.94	15645208.9
5/13/22	3825562.58	3050257.38	3251293.17	1544010.46	4614905.07	1248517.44	17534546.1
5/12/22	11973499.5	40643354.4	15706239	9636487.32	14140877.3	14922417.6	107022875
5/11/22	9596405.78	55604916.3	46373951.3	47049421	1999999.98	1999999.98	162624694
5/10/22	6848292.65	6725836.26	7005285.95	10240815.2	0	0	30820230
5/9/22	4899986.59	10519060.6	4489602.83	10273637.9	0	0	30182288
5/8/22	1558387.45	1544072.78	1483021.94	767247.799	0	0	5352729.96
5/7/22	389730.82	1484164.25	0	1551003.53	0	0	3424898.6
5/6/22	1299438.4	2015160.39	2743015.58	1418432.64	0	0	7476047.01
5/5/22	1654741.29	2293779.54	1504778.89	1949789.42	0	0	7403089.14
5/4/22	1461581.97	7898195.27	1006217.9	721000.499	0	0	11086995.6
5/3/22	986566.572	934227.78	1268995.53	1042794.92	0	0	4232584.8
5/2/22	3190507.25	3926631.76	2279439.4	3272994.95	0	0	12669573.4
5/1/22	1696228.65	1230469.48	1121024.77	3678985.46	0	0	7726708.36
4/30/22	1663216.59	1123882.14	1540244.1	1532909.35	0	0	5860252.18
4/29/22	348011.539	3350213.81	662871.685	3220258.45	0	0	7581355.49
4/28/22	709307.06	589703.88	362834.61	309116.67	0	0	1970962.22
4/27/22	2006654.63	2228501.27	2072894.78	2496680.03	0	0	8804730.72
4/26/22	2636608	1039543.26	2062801.17	1934371.25	0	0	7678723.68
4/25/22	452339.25	1820156.63	2184991.72	2172863.23	0	0	6630350.83
4/24/22	0	770215.309	731535.87	735769.544	0	0	2237520.72
4/23/22	4226179.18	734089.161	4250455.97	172012.12	0	0	9382736.42
4/22/22	735943.026	1490410.25	2268844.7	2294500.01	0	0	6789697.98
4/21/22	1531005.74	2197750.04	724225.095	784037.58	0	0	5237018.45
4/20/22	1551325.94	2297732.78	1941033.63	1521198.95	0	0	7311291.31
4/19/22	789080.339	1999992	1538564.87	2577845.39	0	0	6905482.6
4/18/22	1798618.09	3697309.85	3724808.21	3697349.31	0	0	12918085.5
4/17/22	299997	299997	499999	299997	0	0	1399990
4/16/22	617615.347	44975.1602	690684.608	467261.023	0	0	1820536.14
4/15/22	4277715.24	2295856.72	2132377.69	1673045.51	0	0	10378995.2
4/14/22	4262306.77	3062178.19	3390802.64	9939616.77	0	0	20654904.4

**USDT Withdrawals**

	0x03f19c331	0x2a9613ba1	0x7d08520bf	0x8df9efbf7:	Total
6/13/22	0	0	0	0	0
6/12/22	3873695.05	6094306.76	0	0	9968001.81
6/11/22	3218976.66	2815948.77	0	0	6034925.43
6/10/22	1998162.97	1045973.42	0	0	3044136.39
6/9/22	2603263.97	4116636.18	0	0	6719900.15
6/8/22	1676235.81	1878697.52	0	0	3554933.33
6/7/22	734077.964	1343558.99	0	0	2077636.96
6/6/22	769299.816	777987.198	0	0	1547287.01
6/5/22	0	787070.966	0	0	787070.966
6/4/22	723006.999	0	0	0	723006.999
6/3/22	777610.976	784153.111	0	0	1561764.09
6/2/22	0	0	0	0	0
6/1/22	720182.335	1036206.42	0	0	1756388.76
5/31/22	799369.747	0	0	0	799369.747
5/30/22	3769644.4	3093138.31	0	0	6862782.71
5/29/22	791114.133	0	0	0	791114.133
5/28/22	728606.118	0	0	0	728606.118
5/27/22	3528261.89	2277726.74	0	0	5805988.63
5/26/22	733531.452	498416.73	0	0	1231948.18
5/25/22	499900	1493840.14	0	0	1993740.14
5/24/22	0	0	0	0	0
5/23/22	600000	600000	0	0	1200000
5/22/22	722200.652	726234.731	0	0	1448435.38
5/21/22	0	1110750.57	0	0	1110750.57
5/20/22	0	794902.012	0	0	794902.012
5/19/22	1721422.2	1719162.05	0	0	3440584.25
5/18/22	1295799.09	2292739.25	0	0	3588538.33
5/17/22	1237743.64	1473292.61	0	0	2711036.24
5/16/22	1996058.45	2865549.59	0	0	4861608.04
5/15/22	3860993.01	2796674.31	0	0	6657667.32
5/14/22	2810051.07	3152892.01	0	0	5962943.09
5/13/22	9272246.66	13535971.8	0	0	22808218.4
5/12/22	43383579.7	20821499	20000	0	64225078.6
5/11/22	7930697.31	13034188.4	0	0	20964885.7
5/10/22	2428801.98	3341603.6	0	0	5770405.58
5/9/22	6228459.42	4036960.81	0	0	10265420.2
5/8/22	1510753.68	1681387.87	0	0	3192141.55
5/7/22	0	771867.438	0	0	771867.438
5/6/22	1573036.69	2612527.42	0	0	4185564.11
5/5/22	6505486.35	1908022.71	0	0	8413509.05
5/4/22	1201137.76	1375647.11	0	0	2576784.87
5/3/22	1163661.03	877549.598	0	0	2041210.63
5/2/22	1047239.49	0	0	0	1047239.49
5/1/22	746828.485	963600.24	0	0	1710428.72
4/30/22	0	772845.132	0	0	772845.132
4/29/22	1754244.64	1796923.49	0	0	3551168.13
4/28/22	0	0	0	0	0
4/27/22	1876757.67	2034439.55	0	0	3911197.21
4/26/22	4230515.46	1634373.21	0	0	5864888.67
4/25/22	771039.753	1056367.82	0	0	1827407.58
4/24/22	0	0	0	0	0
4/23/22	748821.281	721752.162	0	0	1470573.44
4/22/22	730619.347	753867.315	0	0	1484486.66
4/21/22	766545.008	777285.854	0	0	1543830.86
4/20/22	939996.875	736209.002	0	0	1676205.88
4/19/22	764163.276	733337.001	0	300000	1797500.28
4/18/22	1518513.75	761510.814	0	0	2280024.57
4/17/22	724929.007	0	0	0	724929.007
4/16/22	799996.881	958056.553	0	0	1758053.43
4/15/22	250000	736003.187	0	0	986003.187
4/14/22	1540721.49	791797.16	0	0	2332518.65

**GUSD Withdrawals**

	0xd187a56	0xb2631463	Total
6/13/22	0	0	0
6/12/22	280888.15	378857.52	659745.67
6/11/22	1485385.67	1186072.71	2671458.38
6/10/22	0	366519.56	366519.56
6/9/22	0	0	0
6/8/22	379753.12	372353.39	752106.51
6/7/22	0	0	0
6/6/22	271765.75	0	271765.75
6/5/22	397879.15	405969.29	803848.44
6/4/22	0	0	0
6/3/22	303748.92	263634.15	567383.07
6/2/22	0	0	0
6/1/22	366594.08	369209.29	735803.37
5/31/22	0	1175166.21	1175166.21
5/30/22	325140.31	0	325140.31
5/29/22	390869.42	362769.52	753638.94
5/28/22	365990.03	380528.78	746518.81
5/27/22	0	0	0
5/26/22	728047.5	260467.49	988514.99
5/25/22	373004.94	0	373004.94
5/24/22	0	0	0
5/23/22	768219.25	3030650.18	3798869.43
5/22/22	0	365624.41	365624.41
5/21/22	60000	0	60000
5/20/22	1249611.08	1263720.5	2513331.58
5/19/22	378800.34	221333.77	600134.11
5/18/22	0	240000	240000
5/17/22	395719.53	0	395719.53
5/16/22	570477.16	801444.64	1371921.8
5/15/22	503998.79	819060.8	1323059.59
5/14/22	398933.76	373990.09	772923.85
5/13/22	123560.09	2094843	2218403.09
5/12/22	1573675.46	1547389.5	3121064.96
5/11/22	836461.31	862568.41	1699029.72
5/10/22	388771.34	8906.77	397678.11
5/9/22	2054527.17	798771.82	2853298.99
5/8/22	753515.27	0	753515.27
5/7/22	0	0	0
5/6/22	0	0	0
5/5/22	798094.73	0	798094.73
5/4/22	193070.95	721372.02	914442.97
5/3/22	0	0	0
5/2/22	0	0	0
5/1/22	0	0	0
4/30/22	0	0	0
4/29/22	748311.67	251850.65	1000162.32
4/28/22	0	0	0
4/27/22	0	0	0
4/26/22	740585.9	775306.25	1515892.15
4/25/22	0	0	0
4/24/22	0	0	0
4/23/22	0	0	0
4/22/22	0	0	0
4/21/22	0	737045.77	737045.77
4/20/22	731352.69	0	731352.69
4/19/22	0	0	0
4/18/22	0	0	0
4/17/22	200000	0	200000
4/16/22	0	737080.19	737080.19
4/15/22	0	0	0
4/14/22	1174121.71	369678.35	1543800.06

## ETH Withdrawals

	0xc04a471f2a	0x59a7f0779	0x278f4dd76	0xcb8bbfa45	0x87348229	0xc0602dc3fb	0x451c1eac	0xc7b2e3421	0x11889c10c	Total
6/13/22	436.835086	166.514884	146.700654	79.042203	109.349031	51.5019628	150.029975	83.981518	0	1223.95531
6/12/22	0	3256.97032	3864.00145	3908.33086	4240.61508	3184.52714	1763.65095	11279.7489	3438.2199	34936.0646
6/11/22	0	4523.55782	4569.47663	4412.67378	3528.99847	4462.7519	2405.11098	9267.00238	11179.5284	44394.1003
6/10/22	178.587489	1291.95319	1813.474613	2032.88995	1782.60673	1845.07524	5882.73342	9638.33662	11683.6237	36177.2833
6/9/22	82.363729	499.578778	826.061131	861.967118	877.727514	406.090483	1255.36325	2017.54643	1840.55742	8667.25585
6/8/22	361.171189	900.090962	860.092798	405.280663	805.457297	896.395473	0	0	0	4228.48838
6/7/22	0	0	420.268114	0	774.299662	335	1763.15319	0	0	3292.72096
6/6/22	951.970764	0	0	0	0	802.158708	1229.57816	0	0	2983.70763
6/5/22	0	0	0	0	0	399.718213	0	0	0	399.718213
6/4/22	0	0	0	0	0	5603.35303	422.648887	0	5178.16562	11204.1675
6/3/22	487.124843	0	0	0	0	400.087212	403.11478	0	832.871571	2123.19841
6/2/22	327.583642	2140.76742	0	0	0	0	0	1703.2176	728.011969	4899.58064
6/1/22	326.462603	0	867.647804	761.346651	1132.03528	1317.63902	797.135215	0	1196.33552	6398.60209
5/31/22	1000	3537.80239	1522.54767	4290.08655	4023.4983	1184.66622	1559.65809	2030.10844	3537.80239	22686.1701
5/30/22	0	1072.70884	4617.71692	1050.38357	4801.823	4120.61136	4367.15797	4254.20966	1040.22915	25324.8405
5/29/22	0	0	1068.88362	419.25087	0	99.0456675	917.55076	22.673942	428.143654	2955.54852
5/28/22	0	1220.99475	114.699895	0	444.705463	562.503784	1276.7359	591.905458	1228.29105	5439.83629
5/27/22	0	1331.97134	2038.52584	1876.93355	718.503182	0	594.139011	547.381497	951.703231	8059.15766
5/26/22	614.270243	0	0	2738.14561	0	1621.65381	0	0	2435.16804	7409.23771
5/25/22	0	0	0	369.305186	0	0	0	0	387.058001	756.363187
5/24/22	0	0	0	406.269386	0	0	0	0	0	406.269386
5/23/22	723.42	0	0	368.073525	0	0	0	0	0	1091.49352
5/22/22	0	0	0	381.747347	0	0	0	0	0	381.747347
5/21/22	0	0	0	0	0	0	0	0	0	0
5/20/22	466.04	5300.07067	1182.12492	6351.37336	1889.56087	6018.01314	0	5669.29145	5380.66227	32257.1367
5/19/22	600	1679.23881	0	2177.56192	0	593.810221	0	2594.41167	2380.08866	10025.1113
5/18/22	600	1757.53121	0	0	0	0	0	1018.06037	752.735153	4128.32673
5/17/22	0	0	0	0	0	0	0	1085.84527	765.314249	1851.15952
5/16/22	1198.2918	0	9748.57316	0	9723.58155	9531.77987	15361.5544	9639.4929	1351.59517	56554.86888
5/15/22	0	0	1879.02988	0	927.67814	874.109417	1660.79975	0	1306.07201	6647.68919
5/14/22	0	0	1126.0409	0	0	0	0	0	381.96323	1508.00413
5/13/22	351.191621	0	706.845624	0	0	0	0	1246.54247	0	0
5/12/22	2092	0	0	0	0	0	0	824.210119	0	0
5/11/22	0	20071.2052	9250.58031	19603.8892	9272.08369	21794.9144	9275.88885	28336.8937	20128.0474	137733.503
5/10/22	757.259187	569.109422	0	738.117216	0	897.230347	0	780.726124	9953.64167	13696.084
5/9/22	1500	621.796475	0	637.421819	0	589.916195	0	438.381533	978.514112	4766.03013
5/8/22	0	0	0	610.651649	0	620.12188	0	0	0	1230.77353
5/7/22	0	0	0	0	0	0	0	0	0	0
5/6/22	0	1485.43659	0	1754.89325	0	1490.64461	0	1200	1101.84409	7032.81855
5/5/22	200	179.931851	0	820.164826	0	1075.82202	0	744.824353	785.879316	3806.62236
5/4/22	0	687.289697	0	621.14779	0	151.625316	0	359.087933	254.476942	2073.62768
5/3/22	0	455.943424	0	561.078807	0	281.862817	0	0	349.817591	1647.80246
5/2/22	742.034326	1003.89275	0	1334.5705	0	832.048367	0	1142.18802	1193.086	6247.81997
5/1/22	0	600.646461	0	577.857494	0	1008.48718	0	613.381111	789.415855	3589.7881
4/30/22	0	0	0	0	0	536.045698	0	632.289234	556.255365	1724.5903
4/29/22	0	804.999832	0	0	0	561.280647	0	533.286283	572.790553	2472.35732
4/28/22	0	440.94714	0	0	0	0	0	264.384883	0	705.332023
4/27/22	0	621.505486	0	0	0	931.280813	0	502.072692	315.121235	2369.98023
4/26/22	250	241.287833	0	0	0	5	0	301.746256	0	798.034089
4/25/22	0	656.442441	0	2331.67432	0	4041.34239	0	660.277034	785.509604	8475.24579
4/24/22	0	108.61351	0	0	0	354.182103	0	0	462.743453	0
4/23/22	0	299.591472	0	0	0	243.280571	0	0	0	542.872044
4/22/22	0	742.385343	0	1975.51295	0	1881.0521	0	1783.57954	1757.33263	8139.86256
4/21/22	0	495.452661	0	253.369889	0	414.977891	0	315.609245	476.074979	1955.48467
4/20/22	0	488.104068	0	0	0	0	0	242.516721	242.025151	972.645941
4/19/22	500	737.007228	0	1003.46838	0	922.851865	0	528.526216	428.903113	4120.7568
4/18/22	0	251.471146	0	519.372336	0	248.447384	0	249.160735	487.575413	1756.02701
4/17/22	0	0	0	0	0	0	0	0	0	0
4/16/22	0	0	0	240.738769	0	247.452661	0	0	262.151969	750.343398
4/15/22	0	0	0	241.286471	0	528.871227	0	0	0	770.157699
4/14/22	0	0	0	506.033479	0	244.204036	0	0	0	750.237514